

**Notice of Allowability**

Application No.

10/763,880

Applicant(s)

SUNDMAN ET AL.

Examiner

Cheryl Lewis

Art Unit

2167

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the applicants' communication received on April 12, 2007.
2. ☒ The allowed claim(s) is/are 1-33.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

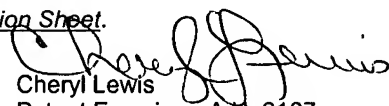
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 10/20/06 & 7/23/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other See Continuation Sheet.

  
Cheryl Lewis  
Patent Examiner, A.U. 2167  
July 5, 2007

Continuation of Attachment(s) 9. Other: Updated copies of IDS(s) 10/26/06 and 7/23/04. Each updated IDS(s) includes the current class and subclass of each prior art .

### **DETAILED ACTION**

1. Claims 1-33 are allowed. These claims have been renumbered as claims 1-33.

### ***Drawings***

2. The drawing filed on January 23, 2004 are accepted by the examiner.

### **EXAMINER'S AMENDMENT**

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Marina Portnova on June 27, 2007.

4. Claims 1, 14, 19, 26, 28, and 31 have been amended as follows:

1. (Currently Amended) A method comprising:

receiving a template data access query of a first user, the template data access query identifying one or more database tables to be accessed to retrieve content from a database without specifying filtering parameters restricting the content to be retrieved from the database;

presenting to a second user a layout of a data presentation and one or more preliminary filters from a set of preliminary filters created based on a plurality of

database data elements associated with the database tables identified in the template data access query, the data presentation being defined to visually display the content to be retrieved from the database;

creating the final filters using filter parameters specified by the second user for the one or more preliminary filters, the final filters restricting the content to be retrieved from the database for the data presentation;

retrieving the content from the database using the final filters; and

providing, for the second user, the data presentation visually displaying the retrieved content based on the layout.

14. (Currently Amended) The method of claim 1 wherein the data access query combines a structured query language (SQL) statement with output related characteristics for visually displaying the content to be retrieved from the database.

19. (Currently Amended) A system comprising:

a query engine to receive a template data access query of a first user, the template data access query identifying a plurality of database data elements to be accessed to retrieve content from a database without specifying filtering parameters restricting the content to be retrieved from the database;

a filter engine to create a set of preliminary filters based on the plurality of data elements and to create final filters using filter parameters specified by a second user for the set of preliminary filters, the final filters restricting content to be retrieved from the

database for a data presentation, the data presentation being defined to visually display the content to be retrieved from the database; and

a data chart engine to retrieve the content from the database using the final filters, and to provide for the second user the data presentation visually displaying the retrieved content.

26. (Currently Amended) The system of claim 19 wherein the data access query combines a structured query language (SQL) statement with output related characteristics for visually displaying the content to be retrieved from the database.

28. (Currently Amended) An apparatus comprising:  
means for receiving a template data access query of a first user, the template data access query identifying one or more database tables to be accessed to retrieve content from a database without specifying filtering parameters restricting the content to be retrieved from the database;

means for presenting to a second user a layout of a data presentation and one or more preliminary filters from a set of preliminary filters created based on a plurality of database data elements associated with the database tables identified in the template data access query, the data presentation being defined to visually display the content to be retrieved from the database;

means for creating the final filters using filter parameters specified by the second user for the one or more preliminary filters, the final filters restricting the content to be retrieved from the database for the data presentation;

means for retrieving the content from the database using the final filters; and

means for providing, for the second user, the data presentation visually displaying the retrieved content based on the layout.

31. (Currently Amended) A computer readable storage medium comprising executable instructions which when executed on a processing system cause said processing system to perform a method comprising:

receiving a template data access query of a first user, the template data access query identifying one or more database tables to be accessed to retrieve content from a database without specifying filtering parameters restricting the content to be retrieved from the database;

presenting to a second user a layout of a data presentation and one or more preliminary filters from a set of preliminary filters created based on a plurality of database data elements associated with the database tables identified in the template data access query, the data presentation being defined to visually display the content to be retrieved from the database;

creating the final filters using filter parameters specified by the second user for the one or more preliminary filters, the final filters restricting the content to be retrieved from the database for the data presentation;

retrieving the content from the database using the final filters; and  
providing, for the second user, the data presentation visually displaying the  
retrieved content based on the layout.

### **REASONS FOR ALLOWANCE**

5. The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including 'receiving a template data access query of a first user, the template data access query identifying one or more database tables to be accessed to retrieve content from a database without specifying filtering parameters restricting the content to be retrieved from the database; presenting to a second user a layout of a data presentation and one or more preliminary filters from a set of preliminary filters created based on a plurality of database data elements associated with the database tables identified in the template data access query, the data presentation being defined to visually display the content to be retrieved from the database; creating the final filters using filter parameters specified by the second user for the one or more preliminary filters, the final filters restricting the content to be retrieved from the database for the data presentation' as recited in independent claim 1 and similarly recited in independent claims 28 and 31.

As per claim 19, the prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of

Art Unit: 2167

claimed elements including 'a query engine to receive a template data access query of a first user'; 'a filter engine to create a set of preliminary filters based on the plurality of data elements and to create final filters using filter parameters specified by a second user for the set of preliminary filters'; and 'a data chart engine to retrieve the content from the database using the final filters.'

The remaining claims, 2-18, 20-27, 29, 30, 32, and 33 are dependent claims, thus these claims are patently distinct over the art of record for at least the above reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### **NAME OF CONTACT**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.



(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Cheryl Lewis/  
Patent Examiner, A.U. 2167  
July 5, 2007

  
JOHN COTTINGHAM  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100